

European Aviation Safety Agency

EASA

**TYPE-CERTIFICATE
DATA SHEET FOR NOISE**

**C90A, C90GT and C90GTi
(King Air)**

**Manufacturer:
HAWKER BEECHCRAFT CORPORATION**

9709 East Central
Wichita, KS 67201
USA

For models: C90A
C90GT
C90GTi

Issue 3, 22 February 2008

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Aircraft Manufacturer * **Hawker Beechcraft Corporation** Aircraft Type Designation * **C90A**
 Engine Manufacturer * **Pratt & Whitney Canada** Engine Type Designation * **PT6A-21**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **6**

| EASA Record No. | Propeller Manufacturer * | Propeller Type Designation * | Additional modifications ** | Maximum Mass Take-off mass * (kg) | Overflight dB(A) | |
|-----------------|--------------------------------|------------------------------|-----------------------------|-----------------------------------|------------------|-------------|
| | | | | | Level * | Limit |
| C5250 | Hartzell Propeller Inc. | HC-B3TN-3B/T10173K-8 | None | 4.377 | 74,3 | 80,0 |
| C5253 | Hartzell Propeller Inc. | HC-B3TN-3B/T10173NK-8 | None | 4.377 | 74,3 | 80,0 |
| C1584 | Hartzell Propeller Inc. | HC-B3TN-3M/T10173K-8 | None | 4.377 | 74,3 | 80,0 |
| C5252 | Hartzell Propeller Inc. | HC-B3TN-3M/T10173NK-8 | None | 4.377 | 74,3 | 80,0 |

* Items so marked shall be included on EASA Form 45.

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer * **Hawker Beechcraft Corporation** Aircraft Type Designation * **C90A**
 Engine Manufacturer * **Pratt & Whitney Canada** Engine Type Designation * **PT6A-21**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer * | Propeller Type Designation * | Additional modifications ** | Maximum Mass Take-off mass * (kg) | Take-off dB(A) | |
|-----------------|--------------------------|------------------------------|-----------------------------|-----------------------------------|----------------|-------|
| | | | | | Level * | Limit |
| C1587 | Hartzell Propeller Inc. | HC-B3TN-2(B)/T10173B-8 | None | 4.581 | 83,7 | 88,0 |
| C1582 | Hartzell Propeller Inc. | HC-B3TN-2(B)/T10173B-8 | None | 4.377 | 83,7 | 88,0 |
| C5251 | Hartzell Propeller Inc. | HC-B3TN-3B/T10173K-8 | None | 4.581 | 83,7 | 88,0 |
| C5255 | Hartzell Propeller Inc. | HC-B3TN-3B/T10173NK-8 | None | 4.581 | 83,7 | 88,0 |
| C1588 | Hartzell Propeller Inc. | HC-B3TN-3M/T10173K-8 | None | 4.581 | 83,7 | 88,0 |
| C1583 | Hartzell Propeller Inc. | HC-B3TN-3M/T10173K-8 | None | 4.377 | 83,7 | 88,0 |
| C5254 | Hartzell Propeller Inc. | HC-B3TN-3M/T10173NK-8 | None | 4.581 | 83,7 | 88,0 |
| C1589 | Hartzell Propeller Inc. | HC-D4N-3C/D9290K | None | 4.581 | 80,8 | 88,0 |
| C1590 | Hartzell Propeller Inc. | HC-E4N-3N/D8990(K) | None | 4.581 | 84,0 | 88,0 |
| C1592 | McCauley | 4HFR34C768/94LMA-4 | None | 4.581 | 84,0 | 88,0 |

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Aircraft Manufacturer * **Hawker Beechcraft Corporation** Aircraft Type Designation * **C90GT**
 Engine Manufacturer * **Pratt & Whitney Canada** Engine Type Designation * **PT6A-135A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer * | Propeller Type Designation * | Additional modifications ** | Maximum Mass Take-off mass * (kg) | Take-off dB(A) | |
|-----------------|--------------------------------|------------------------------|-----------------------------|-----------------------------------|----------------|-------------|
| | | | | | Level * | Limit |
| C5080 | Hartzell Propeller Inc. | HC-E4N-3N/D8990SK | None | 4.581 | 76,0 | 88,0 |

* Items so marked shall be included on EASA Form 45.

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer * **Hawker Beechcraft Corporation** Aircraft Type Designation * **C90GTi**
 Engine Manufacturer * **Pratt & Whitney Canada** Engine Type Designation * **PT6A-135A**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **10 (10.4a)**

| EASA Record No. | Propeller Manufacturer * | Propeller Type Designation * | Additional modifications ** | Maximum Mass Take-off mass * (kg) | Take-off dB(A) | |
|-----------------|--------------------------------|------------------------------|-----------------------------|-----------------------------------|----------------|-------------|
| | | | | | Level * | Limit |
| C5520 | Hartzell Propeller Inc. | HC-E4N-3N/D8990SK | None | 4.581 | 76,0 | 88,0 |

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